

WHAT IS CLAIMED IS:

1. A virtual data marking device, comprising:
an input unit display configured to receive an input command to input a data mark; and
5 a display unit configured to display said input data mark in response to said input command.
2. The device of claim 1 wherein said input unit display includes a graphic representation corresponding to an input unit of a data marking device.
- 10 3. The device of claim 2 wherein said data marking device includes an electronic music marker device.
4. The device of claim 2 wherein said graphic representation is substantially circular in shape.
- 15 5. The device of claim 1 wherein said data mark includes a time stamp.
6. The device of claim 1 wherein said display unit includes a graphical representation corresponding to a display unit of a data marking device.
- 20 7. The device of claim 6 wherein said data marking device includes an electronic music marker device.
- 25 8. The device of claim 1 wherein said input unit display and said display unit substantially form a three-dimensional graphical representation of an electronic music marker device.
- 30 9. A method, comprising:
displaying a data marking device including an input unit;
receiving an input indication corresponding to an operation of said input

unit; and

displaying a data mark corresponding to said operation.

10. The method of claim 9 wherein said displaying step includes the step of
5 three-dimensionally displaying said data marking device.

11. The method of claim 9 wherein said input unit displayed includes a
graphical representation of an input button of a data marking device.

10 12. The method of claim 11 wherein said input button graphical
representation is substantially circular in shape.

13. The method of claim 9 wherein said receiving said input indication step
includes the step of operating an input device.

15 14. The method of claim 13 wherein said input device includes one of a
computer mouse, a keyboard, and a touch-sensitive pad.

20 15. The method of claim 9 wherein said data mark is displayed within said
displayed data marking device.

16. The method of claim 9 further including the step of retrieving a time
stamp information corresponding to said input indication.

25 17. The method of claim 16 further including the step of storing said time
stamp information.

18. The method of claim 9 further including the step of coupling said
displayed data marking device with a cradle display.

30 19. The method of claim 18 wherein said cradle display includes a three-

dimensional graphical representation of a cradle configured to couple to said data marking device.

20. The method of claim 18 further including the step of animating said data mark within said displayed data marking device after said coupling step.

21. A user terminal for displaying a virtual data marking device, comprising:

a controller;

a display coupled to said controller, configured to display a virtual data marking device;

an input unit coupled to said controller configured to control an input operation of said virtual data marking device;

a memory coupled to said controller for storing data corresponding to said virtual data marking device; and

a clock coupled to said controller, configured to generate a time stamp in response to said input operation.

22. The terminal of claim 21 wherein said display includes one of a cathode ray tube, a liquid crystal display, a plasma display panel, a touch-sensitive type display, and a projection type display.

23. The terminal of claim 21 wherein said input unit includes one of a computer mouse, a keyboard, a stylus for use with a touch-sensitive type display, and a microphone.

24. The terminal of claim 21 wherein said memory includes one or more of a random access memory, a hard disc drive, a CR-RW drive, a zip drive, and a web-based storage unit.

25. The terminal of claim 12 wherein said controller is configured to

generate a control signal for controlling the operation of said display, said input unit, said memory and said clock.

26. The terminal of claim 21 wherein said controller is configured to
5 retrieve stored data from said memory, and to store data in said memory.

27. The terminal of claim 21 further including a communication port
configured to connect to one or more external devices.

10 28. The terminal of claim 27 wherein said communication port includes one
or more of a USB port, a parallel port, a serial port, an ethernet port, an IrDA
port, and a Bluetooth enabled port.

15 29. The terminal of claim 27 wherein said controller is configured to
transmit and/or receive data to and/or from said one or more external devices
via said communication port.

20 30. A virtual electronic music marker system, comprising;
a connection;
a server terminal coupled to said connection; and
a user terminal coupled to said connection for communication with said
server terminal, said user terminal including a display unit for displaying a
three-dimensional representation of a data marking device, said user terminal
further including an input unit for performing input operations of said data
25 marking device to input one or more data marks;
wherein said user terminal is configured to transmit said one or
more data marks to said server terminal; and further
wherein said server terminal is configured to retrieve information
corresponding to said retrieved data marks and to transmit said retrieved
30 information to said user terminal via said connection.

31. The system of claim 30 wherein said connection includes an internet connection.

5 32. The system of claim 30 wherein said server terminal includes a storage unit for storing said information corresponding to said data marks and said received data marks.

33. The system of claim 30 wherein said user terminal further includes a speaker for outputting audible data.

10 34. The system of claim 30 wherein said user terminal input unit includes one of a computer mouse, a keyboard, a stylus for use with a touch-sensitive type display, and a microphone.

15 35. The system of claim 30 wherein said user terminal further includes a clock for generating a time stamp in response to said input operation.

36. The system of claim 36 wherein said user terminal further includes a memory for storing said time stamp and said data marks.

20 37. The system of claim 36 wherein said user terminal memory includes one or more of a random access memory, a hard disc drive, a CR-RW drive, a zip drive, and a web-based storage unit.

25 38. The system of claim 30 wherein each of said user terminal and said server terminal includes a respective communication port.

30 39. The system of claim 38 wherein said user terminal communication port and said server terminal communication port each includes one or more of a USB port, a parallel port, a serial port, an ethernet port, an IrDA port, and a Bluetooth enabled port.